

# United States of America Army Broadcasting Service Verification Certificate

This is to certify **Ernest R. Cooper** heard and reported reception of the U. S. government test broadcast facility;  
**Tactical Call Sign(s):** Kilo-Tango-Romeo-Kilo, KTRK, K-Truck (47 USC Section 305(c) ); **International Registry Call Letters:** AABS, abbreviated "ABS" (IRR Art. 6 Para 342); **Transmitting Frequency:** 1.670 MHz; **Transmitter Power Output:** 5,000 Watts (.005 MW).

**Classification:** Temporary Fixed  
**Emission:** 20K00A3E (47 CFR Section 2.201 & 2.202)  
**Coordinates:** N 39° 13' 28"  
W 76° 55' 55"


**Period of Operation:** 5-8 February 1996  
**Official Sign-on:** 1146 EST (1646 UTC) 5 Feb 96  
**Official Sign-off:** 1654 EST (2154 UTC) 8 Feb 96

**Transmitting Facility:** Main: Harris GATES FIVE FA  
Alternate-Main: Harris GATES FIVE FA  
(Both Frequency Agile: .530-1.705 MHz)  
**Modulation Monitor:** TFT 753/755  
**Frequency Monitor:** Belar AMM-4  
**Splatter Monitor:** Delta Electronics SM-1  
**Processing:** Orban 9100B/1 (with NRSC-2 Disabled)

**Antenna Facilities:** LBA Technology TUP-3 fixed 120 foot semi shunt-fed folded monopole; frequency agile 1.000-1.705 MHz; non-directional radiation pattern; 120 radials of fixed 150 foot length with 3 degree spacing.

**Studio Equipment:** Pacific Research & Engrg BMX-II-18 audio control mixer; Denon DN 951FA CD players; SONY PCM-7010 DAT recorders; Eventide BD 980 digital delay and H3000B harmonizer; Orban 642B equalizer and 275A synthesizer; Henry Engrg Digi-Corder RAM recorders; ITC Delta III cartridge players with Delta IV record amps; Tascam 122 Mk III cassette recorders and Tascam 122 Mk II aircheck skimmer; REVOX PR99 Mk III reel recorders; and Aphex Compellor 320A audio processing.

  
MR. DONALD S. BROWNE  
Project Manager

  
COLONEL THOMAS A. HANSEN  
Director, Army Broadcasting Service